

**ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention**VARIABLE COMPRESSION RATIO SENSING SYSTEM FOR  
INTERNAL COMBUSTION ENGINE**

Application Number:

Confirmation Number:

First Named Applicant: JOSHUA STYRON

Attorney Docket Number: 81090573

Search string: ( 4834031 or 20030089320 ).pn.

**US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4834031	1989-05-30	KATOH ET AL			

**US Published Applications**

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20030089320	2003-05-15	STYRON ET AL			

**Remarks**

Note: Remarks are not for responding to an office action.

FOREIGN PATENT DOCUMENTS - WO-01/44750A1 DATED 2001/06/21 - HARDCOPY  
WILL BE MAILED TO THE U.S. PTO TODAY.**Signature**

Examiner Name	Date

UNITED STATES PATENT AND TRADEMARK OFFICE  
ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of  
Invention

VARIABLE COMPRESSION RATIO SENSING SYSTEM FOR  
INTERNAL COMBUSTION ENGINE

Submission Type: Utility Patent Filing

Application Number: 10/707755

\*10/707755\*

EFS ID: 53388

Server Response:

Confirmation Code	Message
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application
ICON1	1754
IGEN77	Filename= N/A BusinessRule= The access code is not included which allows for automated processing to the deposit account. #Supporting Msg:Either <us-access-code> not found in fee-xml OR actual access code not provided in the fuction call.

First Named Applicant: JOSHUA STYRON

Attorney Docket Number: 81090573

Timestamp: 2004-01-09 11:54:07 EDT

From: US

File Listing:

Doc. Name	File Name	Size (Bytes)
us-assignment	NewApp-usassn.xml	2775
us-assignment	us-assignment.xsl	8983
us-assignment	us-assignment.dtd	10898
us-assignment	FMCAssign.tif	32544
us-assignment	FGTLAssign.tif	36680
us-request	NewApp-usrequ.xml	1993
us-request	us-request.dtd	19064
us-request	us-request.xsl	33300
us-fee-sheet	NewApp-usfees.xml	2006
us-fee-sheet	us-fee-sheet.xsl	24912

us-fee-sheet	us-fee-sheet.dtd	11069
us-ids	NewApp-usidst.xml	1099
us-ids	us-ids.dtd	7763
us-ids	us-ids.xsl	12026
us-power-of-attorney-grant	NewApp-uspoat.xml	993
us-power-of-attorney-grant	us-power-of-attorney-grant.dtd	4923
us-power-of-attorney-grant	us-power-of-attorney-grant.xsl	12448
us-declaration	IDS1of2.tif	26184
us-declaration	Decl1of2.tif	52120
application-body	Spec-trans.xml	25272
application-body	us-application-body.xsl	83497
application-body	application-body.dtd	49498
application-body	wipo.ent	4956
application-body	mathml2.dtd	54588
application-body	mathml2-qname-1.mod	13225
application-body	isoamsa.ent	5191
application-body	isoamsb.ent	3988
application-body	isoamsc.ent	1460
application-body	isoamsn.ent	5620
application-body	isoamso.ent	1934
application-body	isoamsr.ent	7073
application-body	isogr3.ent	3559
application-body	isomfrk.ent	4553
application-body	isomopf.ent	2571
application-body	isomscr.ent	4628
application-body	isotech.ent	5268
application-body	isobox.ent	3568
application-body	isocyr1.ent	5345
application-body	isocyr2.ent	2504
application-body	isodia.ent	1508
application-body	isolat1.ent	5282
application-body	isolat2.ent	9007
application-body	isonum.ent	5913
application-body	isopub.ent	6621
application-body	mmlextra.ent	7901
application-body	mmlalias.ent	38209

application-body	soextblx.dtd	12870
application-body	cDwg1of5.tif	28200
application-body	cDwg2of5.tif	17752
application-body	cDwg3of5.tif	13644
application-body	cDwg4of5.tif	23600
application-body	cDwg5of5.tif	23544
us-declaration	IDS2of2.tif	24232
us-declaration	Decl2of2.tif	20776
package-data	NewApp-pkda.xml	9586
package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
Total files size		885011

Message Digest: 6d173de459a73a7bc6af6630f0b76508a9406230

Digital Certificate Holder Name: cn=Jerome Raphael Drouillard,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US



PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/707,755
	Filing Date	JANUARY 9, 2004
	First Named Inventor	JOSHUA P. STYRON
	Art Unit	TO BE ASSIGNED
	Examiner Name	TO BE ASSIGNED
Total Number of Pages in This Submission	Attorney Docket Number	81090573

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<b>Remarks</b> Other Enclosure(s): 1. WIPO document - WO-01/44750 A1 dtd 2001/06/21. 2. e-IDS 3. e-Acknowledgement Receipt 4. Self-address stamped postcard		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	JEROME R. DROUILLARD (Reg. # 28,008) DYKEMA GOSSETT PLLC
Signature	
Date	JANUARY 9, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name		DAPHNE POH	
Signature		Date	JANUARY 9, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.